

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for ALPHA-TERPINEOL

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus citriodora	Shoot		9000.0	8.99383026200346	--
Thymus vulgaris	Plant	36.0	6500.0	4.5501166473010075	--
Artemisia salsoloides	Shoot		4000.0	3.838459168847244	V. Kaul, P. Weyerstahl, H. Wahlberg, H. Marschall, (1992); Volatile constituents of the essential oil and the absolute of Artemisia salsoloides Willd. from Ladakh, Flavour and Fragrance journal, Vol.7, 299-305.
Satureja obovata	Leaf		2135.0	3.157518623052595	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.
Elettaria cardamomum	Fruit	301.0	4300.0	3.129748982046047	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Eucalyptus bridgesiana	Leaf		2095.0	3.0873028389449657	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Volatile Constituents of the Essential Oil of Eucalyptus bridgesiana Growing in India. Journal of Essential Oil Res. 3: 449-450.
Monarda punctata	Plant	8.0	4518.0	3.0161805801867945	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Telosma cordata	Flower		825.0	3.0106813788841085	K. Furukawa, T. Arai, S. Hashimoto, (1993); Volatile components of Telosma cordata Merrill flowers, Flavour Fragr. J., Vol 8, 221-223.
Anethum graveolens	Essential Oil		83800.0	2.9380498160693636	--
Valeriana officinalis	Leaf	22.0	1925.0	2.7888857564875424	Father Nature's Farmacy: The aggregate of all these three-letter citations.
Pinus sylvestris	Leaf Essent. Oil	6500.0	167000.0	2.509529498910562	--
Myristica fragrans	Seed	120.0	9600.0	2.4318339377092832	--
Satureja obovata	Leaf		1700.0	2.393921970882129	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of Satureja obovata. Phytochemistry 35(1): 83.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Satureja obovata</i>	Leaf		1700.0	2.393921970882129	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of <i>Satureja obovata</i> . <i>Phytochemistry</i> 35(1): 83.
<i>Cistus ladaniferus</i>	Leaf	24.0	1680.0	2.3588140788283143	--
<i>Elettaria cardamomum</i>	Seed Essent. Oil	44000.0	448400.0	2.14826195942333	--
<i>Monarda fistulosa</i>	Plant	9.0	3314.0	2.0843647250881507	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Valeriana officinalis</i>	Root	95.0	2365.0	1.9966237635178776	Father Nature's Farmacy: The aggregate of all these three-letter citations.
<i>Laurus nobilis</i>	Leaf	140.0	1380.0	1.8321956980210965	--
<i>Satureja obovata</i>	Leaf		1365.0	1.8058647789807356	Arrebola, M.L., Navaro, M.C., Jimenez, J. and Ocana, F.A. 1994. Variations in Yield and Composition of the Essential Oil of <i>Satureja obovata</i> . <i>Phytochemistry</i> 35(1): 83.
<i>Laurus nobilis</i>	Fruit Essent. Oil		58500.0	1.7711701171427547	--
<i>Pycnanthemum loomisii</i>	Shoot	1452.0	1932.0	1.7061976847178333	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Citrus limon</i>	Leaf Essent. Oil	4000.0	125000.0	1.6609342933031976	Jim Duke's personal files.
<i>Citrus mitis</i>	Fruit Juice		21.0	1.412721969771659	--
<i>Ocimum basilicum</i>	Shoot Essent. Oil		9600.0	1.3997084244475302	--
<i>Acorus calamus</i>	Rhizome		1500.0	1.3367642396634478	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Vitis vinifera</i>	Leaf Essent. Oil		108000.0	1.3174552815097405	--
<i>Satureja montana</i>	Plant	3.0	2185.0	1.2105938775745553	--
<i>Satureja obovata</i>	Shoot	775.0	1425.0	1.183443055871793	Fitoterapia No.60: 277.
<i>Cinnamomum camphora</i>	Leaf	460.0	920.0	1.0247141807833626	--
<i>Laurus nobilis</i>	Leaf Essent. Oil	4000.0	92700.0	1.0083241708956292	--
<i>Salvia officinalis</i>	Leaf	5.0	910.0	1.0071602347564552	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Apium graveolens</i>	Root Essent. Oil		69000.0	1.0	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Melaleuca alternifolia</i>	Leaf	180.0	902.0	0.9931170779349295	--
<i>Mentha longifolia</i>	Shoot	1.0	1175.0	0.9256745012139821	--
<i>Monarda russeliana</i>	Plant		1802.0	0.9141773721735748	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Rosmarinus officinalis</i>	Shoot	130.0	1160.0	0.9102083879345134	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
<i>Camellia sinensis</i>	Shoot	700.0	1000.0	0.7452365129535146	--
<i>Citrus aurantium</i>	Leaf	460.0	760.0	0.7438510443528464	--
<i>Eucalyptus cuprea</i>	Leaf		750.0	0.7262970983259391	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
<i>Rosmarinus officinalis</i>	Plant	24.0	1555.0	0.7230158138601487	--
<i>Rosmarinus x lavandulaceus</i>	Shoot	90.0	930.0	0.6730613176493275	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
<i>Valeriana officinalis</i>	Leaf Essent. Oil	9500.0	75400.0	0.6587837647764052	--
<i>Melaleuca alternifolia</i>	Essential Oil	25000.0	31000.0	0.5997972191734514	--
<i>Eucalyptus moluccana</i>	Shoot		840.0	0.5802646379725156	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
<i>Eucalyptus punctata</i>	Shoot		815.0	0.5544877825067346	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Boswellia sacra</i>	Essential Oil		29000.0	0.5112270450486063	Wang, W., Zhu, Y. X., Liu, L. Z., Ling, D. K., Qin, X. L., Tian, J. G. 1993. Analysis of the Chemical Constituents of Essential Oil of <i>Boswellia carterii</i> Birdwood from Somali. <i>Yaowu Fenxi Zazhi</i> 13 3: 170-173.
<i>Myrtus communis</i>	Leaf	20.0	600.0	0.4629879079223302	--
<i>Artemisia annua</i>	Plant	2.0	1215.0	0.45987844614126255	--
<i>Pycnanthemum pycnanthemoides</i>	Shoot	1.0	696.0	0.4317899504896166	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Elettaria cardamomum</i>	Fruit Essent. Oil	17000.0	28000.0	0.3488244464514957	--
<i>Eucalyptus globulus</i>	Leaf Essent. Oil	29000.0	58000.0	0.30722289388192564	--
<i>Ocimum basilicum</i>	Essential Oil	6700.0	23900.0	0.2853731010302511	--
<i>Thymus cilicus</i>	Shoot		535.0	0.26578700128998645	Tumen, G., Koyuncu, M., Kirimer, N., and Baser, K.H.C. 1994. Composition of the Essential Oil of <i>Thymus cilicus</i> Boiss. & Bal. <i>J. Ess. Oil Res.</i> 6: 97-8.
<i>Umbellularia californica</i>	Plant	240.0	960.0	0.26252542035209797	--
<i>Pycnanthemum virginianum</i>	Shoot	18.0	493.0	0.22248188410747424	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Jasminum officinale</i>	Flower	120.0	190.0	0.142837119833253	--
<i>Narcissus tazetta</i>	Flower	90.0	190.0	0.142837119833253	--
<i>Thymus mastichina</i>	Plant	210.0	800.0	0.13869607083732804	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Pimenta racemosa</i>	Leaf	0.0	415.0	0.1382399064245457	--
<i>Origanum majorana</i>	Leaf Essent. Oil		49000.0	0.12538106410891894	--
<i>Salvia triloba</i>	Plant	140.0	750.0	0.09999939911396244	--
<i>Ferula assa-foetida</i>	Seed Essent. Oil		127100.0	0.07775930700042463	--
<i>Citrus aurantiifolia</i>	Fruit	30.0	590.0	0.0769717277948267	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Mitracarpus scaber	Shoot		336.0	0.06060323178236907	I. Laakso, T.O.E. Ekpendu, A.A. Adesomolu, O. Eundayo, J. I. Okogun, (1993); Constituents of the volatile oil of <i>Mitracarpus scaber</i> Zucc., Flavour Fragr. J., Vol 8, 269-271.
Hyssopus officinalis	Leaf	0.1	360.0	0.041693203276555756	--
Eucalyptus astringens	Shoot		310.0	0.03379530209795675	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus maidenii	Shoot		300.0	0.023484559911644318	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Lavandula x hybrida	Shoot	200.0	300.0	0.023484559911644318	Tucker, A.O., Maciarelli, M.J., Angell, S., Espaillet, J.R., and French, E.C. 1993. The Essential Oil of <i>Lavandula x hybrida</i> Balb. ex Ging., a Distinct Hybrid from <i>L. x heterophylla</i> Poir. (Labiatae). J. Ess. Oil Res. 5: 443-445.
Thymus zygis	Shoot	0.1	295.0	0.018329188818488103	De Cunha, A.P. and Salguero, L.R. 1991. The Chemical Polymorphism of <i>Thymus zygis</i> ssp. <i>sylvestris</i> from Central Portugal. J. Ess. Oil Res. 3: 409-12.
Rosmarinus officinalis	Shoot	25.0	290.0	0.013173817725331886	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Pycnanthemum tenuifolium	Shoot	28.0	280.0	0.0028630755390194546	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus camaldulensis	Shoot		275.0	-0.0022922955541367614	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus dealbata	Shoot		260.0	-0.01775840883360541	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Ocimum kilimandscharicum	Flower	80.0	150.0	-0.037814487036092206	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of Ocimum killimandscharicum Guerke. J. Ess. Oil Res., 4: 125-128.
Sideritis mugronensis	Flower	20.0	150.0	-0.037814487036092206	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.
Rosmarinus x mendizabalii	Shoot	50.0	240.0	-0.038379893206230274	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Eucalyptus brassiana	Leaf		285.0	-0.0899613919252487	Singh, A. K., Gupta, K. C., & Brophy, J. J. 1991. Chemical Constituents of the Leaf Essential Oil of Eucalyptus brassiana S. T. Blake. Journal of Essential Oil Res. 3: 45-7.
Eucalyptus melliodora	Shoot		185.0	-0.09508897523094864	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Thymus funkii	Shoot		175.0	-0.10539971741726108	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Thymus funkii	Shoot		175.0	-0.10539971741726108	Vila, R., et al. 1995. Composition and study of the variability of the essential oil of Thymus funkii Cousson. Flav. & Fragr. J. 10(6): 379-383.
Eucalyptus tereticornis	Shoot		165.0	-0.11571045960357351	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Pycnanthemum albescens	Shoot	48.0	162.0	-0.11880368225946725	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus polyanthemos	Shoot		150.0	-0.13117657288304216	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Amomum compactum	Seed		1200.0	-0.13645106008699995	Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
Monarda clinopodia	Plant		434.0	-0.1445635661777082	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Ephedra sinica	Shoot		130.0	-0.15179805725566703	--
Myristica fragrans	Essential Oil	6000.0	14000.0	-0.15304926088773244	--
Monarda didyma	Plant	1.0	420.0	-0.15539863426025058	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Rosmarinus eriocalyx	Shoot	55.0	120.0	-0.16210879944197945	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the Rosmarinus eriocalyx-tomentosus Complex in Southeast Spain. J. Ess. Oil Res. 5: 243-246.
Eucalyptus maculata	Shoot		115.0	-0.16726417053513568	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus desquamata	Leaf		240.0	-0.16895414904633138	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Eucalyptus cladocalyx	Shoot		105.0	-0.1775749127214481	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Cuminum cyminum	Fruit	30.0	275.0	-0.18222634096235243	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Satureja parvifolia</i>	Shoot		100.0	-0.18273028381460432	Zygadlo, J.A., Merino, E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of <i>Satureja odora</i> and <i>Satureja parvifolia</i> from Argentina. <i>J. Ess. Oil Res.</i> 5: 549-51.
<i>Sideritis athoa</i>	Shoot		100.0	-0.18273028381460432	Ozek, T., Baser, K.H.C. and Tumen, G. 1993. The Essential Oil of <i>Sideritis athoa</i> Papanikolaou Et Kokkini. <i>J. Ess. Oil Res.</i> 5: 669-670.
<i>Rosmarinus eriocalyx</i>	Shoot	60.0	95.0	-0.18788565490776055	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the <i>Rosmarinus eriocalyx-tomentosus</i> Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
<i>Rosmarinus tomentosus</i>	Shoot	8.0	90.0	-0.19304102600091674	Soriano Cano, M.C., Sotomayor Sanchez, J.A., Sanchez Gomez, P. and Garcia Vallejo, M.C. 1993. Essential Oils of the <i>Rosmarinus eriocalyx-tomentosus</i> Complex in Southeast Spain. <i>J. Ess. Oil Res.</i> 5: 243-246.
<i>Eucalyptus sideroxylon</i>	Shoot		90.0	-0.19304102600091674	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
<i>Peumus boldus</i>	Leaf	22.0	225.0	-0.19528506808669227	--
<i>Sideritis scardica</i>	Shoot		70.0	-0.21366251037354161	Menkovic, N., et al. 1991. The Essential Oil of <i>Sideritis scardica</i> . <i>Pl. Med.</i> 57. Suppl. 2. pp. A137-A132.
<i>Thymus broussonettii</i>	Shoot		70.0	-0.21366251037354161	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjilali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of <i>Thymus broussonettii</i> , <i>T. zygis</i> and <i>T. saturejoides</i> . <i>J. Ess. Oil Res.</i> 5: 45-53.
<i>Ocimum gratissimum</i>	Shoot		65.0	-0.21881788146669784	Vostrowsky, O., Garbe, W., Bestmann, H.J. and Maia, J.G.S. 1990. Essential Oil of Alfavaca, <i>Ocimum gratissimum</i> , from Brazilian Amazon. <i>Zeitschr. Naturforschung</i> 45(C): 1073-6.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Hyssopus officinalis	Shoot		55.0	-0.22912862365301026	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two <i>Hyssopus officinalis</i> cultivars. <i>J. Ess. Oil Res.</i> 5: 609-611.
Hyssopus officinalis	Shoot		55.0	-0.22912862365301026	Tsankova, E.T., Konatchiev, A.N. and Genova, E.M. 1993. Chemical Composition of the Essential Oils of Two <i>Hyssopus officinalis</i> cultivars. <i>J. Ess. Oil Res.</i> 5: 609-611.
Nepeta racemosa	Shoot		55.0	-0.22912862365301026	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7.
Nepeta racemosa	Shoot		55.0	-0.22912862365301026	Baser, K.H.C., Ozek, T., Akgul, A. and Tumen, G. 1993. Composition of the Essential Oil of <i>Nepeta racemosa</i> Lam. <i>J. Ess. Oil Res.</i> 5: 215-7.
Origanum syriacum	Shoot		55.0	-0.22912862365301026	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Origanum syriacum	Shoot		55.0	-0.22912862365301026	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Eucalyptus saligna	Shoot		50.0	-0.23428399474616635	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
Rosmarinus officinalis	Shoot		48.0	-0.23634614318342884	Tucker, A. O. and Maciarelllo, M. J. 1998. The essential oils of some rosemary cultivars. <i>Flavor and Fragrance Journal</i> , 1: 137-142. 1986.
Pycnanthemum clinopodioides	Shoot	42.0	44.0	-0.24047044005795382	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Coridothymus capitatus	Shoot		44.0	-0.24047044005795382	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. <i>Z. Lebensm Unters Forsch</i> 197: 20-23.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Pycnanthemum pilosum	Flower	28.0	105.0	-0.24104754476410556	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Thymus capitatus	Shoot		43.0	-0.24150151427658506	Biondi, D., Cianci, P., Geraci, C. and Roberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. & Frag. J.</i> 8: 331-7.
Illicium verum	Fruit	85.0	200.0	-0.24394016685691888	Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
Thymus saturejoides	Shoot		40.0	-0.2445947369324788	Tantaoui-Elaraki, A., Lattaoui, N., Errifi, A. and Benjlali, B. 1993. Composition and Antimicrobial Activity of the Essential Oils of <i>Thymus broussonettii</i> , <i>T. zygis</i> and <i>T. saturejoides</i> . <i>J. Ess. Oil Res.</i> 5: 45-53.
Myristica fragrans	Seed Essent. Oil	50000.0	77000.0	-0.24509218035216662	--
Eucalyptus incrassata	Leaf		195.0	-0.24794690616741405	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Eucalyptus paniculata	Shoot		35.0	-0.249750108025635	Zirira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
Eucalyptus botryoides	Shoot		32.0	-0.25284333068152876	Zirira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.
Satureja cuneifolia	Shoot		30.0	-0.25490547911879124	Tumen, G. 1991. The Volatile Constituents of <i>Satureja cuneifolia</i> . <i>J. Ess. Oil Res.</i> , 3: 365-366.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Micromeria varia	Shoot		30.0	-0.25490547911879124	Pedro, L.G., et al. 1995. Composition of the Essential oil of <i>Micromeria varia</i> Benth. ssp. <i>thymoides</i> (Sol. ex Lowe) Perez var. <i>thymoides</i> , and endemic species of the Madeira Archipelago. <i>flav. & Fragr. J.</i> 10(3): 199-202.
Micromeria varia	Shoot		30.0	-0.25490547911879124	--
Origanum onites	Shoot		28.0	-0.25696762755605373	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. & Fragr. J.</i> 8: 331-7.
Origanum onites	Shoot		28.0	-0.25696762755605373	Biondi, D., Cianci, P., Geraci, C. and Ruberto, G. 1993. Antimicrobial Activity and Chemical Composition of Essential Oils from Sicilian Aromatic Plants. <i>Flav. & Fragr. J.</i> 8: 331-7.
Salvia dorisiana	Shoot	25.0	26.0	-0.25902977599331617	Tucker, A.O. & Maciarello, M.J. 1994. The Essential Oil of <i>Salvia dorisiana</i> Standley. <i>J. Ess. Oil Res.</i> 6: 97-8.
Thymus riatarum	Shoot		25.0	-0.2600608502119474	Iglesias, J., Vila, R., Canigueral, S., Bellakdhar, and II Idrissi, A. 1991. Analysis of the Essential Oil of <i>Thymus riatarum</i> . <i>J. Ess. Oil Res.</i> 3: 43-4.
Origanum syriacum	Shoot		25.0	-0.2600608502119474	Fleisher, A. & Fleisher, Z. 1991. Chemical Composition of <i>Origanum syriacum</i> L. Essential Oil. <i>J. Ess. Oil Res.</i> 3: 121-123.
Thymus zygis	Shoot		22.0	-0.26315407286784115	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. <i>JE05</i> : 153-8.
Thymus zygis	Shoot		22.0	-0.26315407286784115	Jimenez, J., Navarro, M.C., Montilla, M.P., Martin, A. and Martinez, A. 1993. <i>Thymus zygis</i> Oil: Its Effects on CCl4-Induced Hepatotoxicity and Free Radical Scavenger Activity. <i>JE05</i> : 153-8.
Eucalyptus siderophloia	Shoot		22.0	-0.26315407286784115	Zrira, S. S., Benjlali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. <i>Journal of Essential Oil Res.</i> 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus albens	Shoot		18.0	-0.26727836974236613	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Zingiber officinale	Rhizome	8.0	500.0	-0.26863716905966795	--
Calamintha nepeta	Shoot		16.0	-0.2693405181796286	Kirimer, N., Baser, K.H.C., Ozek, T. and Kurkuoglu, M. 1992. Composition of the Essential Oil of Calamintha nepeta subsp. glandulosa. J. Ess. Oil Res. 4:189-190
Sideritis pauli	Shoot		16.0	-0.2693405181796286	Burzaco, A., Velasco-Negueruela, A. and Perez-Alonso, M.J. 1992. Essential Oil Analysis of Sideritis pauli Pau. FFJ7: 47-8. 1992.
Origanum sipyleum	Shoot		15.0	-0.27037159239825986	Baser, K.H.C., Ozek, T., Kurkuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of Origanum sipyleum of Turkish Origin. J. Ess. Oil Res. 4: 139-142.
Litsea glaucescens	Shoot	1.0	15.0	-0.27037159239825986	Tucker, et al, EB46(1):21-24.1992
Origanum minutiflorum	Shoot	5.0	12.0	-0.2734648150541536	Baser, K.H.C., Tumen, G., Sezik, E. 1991. The Essential Oil of Origanum minutiflorum O. Schwarz and P.H. Davis. J. Ess. Oil Res. 3: 445-446.
Satureja cilicica	Shoot		12.0	-0.2734648150541536	Tumen, G. Baser, K.H.C. and Kirimer, N. 1993. The Essential Oil of Satureja cilicica P.H. Davis. J. Ess. Oil Res. 5: 547-548.
Hyptis suaveolens	Shoot		9.0	-0.27655803771004733	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Hyptis suaveolens	Shoot		9.0	-0.27655803771004733	Mallavarapu, G.R., Ramesh, S., Kaul, P.N., Bhattacharya, A.K., and Rao, B.R.R. 1993. The Essential Oil of Hyptis suaveolens (L.) Poit. J. Ess. Oil Res. 5: 321.
Acinos suaveolens	Shoot		8.0	-0.2775891119286786	Tumen, G. 1991. The Volatile Constituents of Acinos suaveolens (Sibt. et Smith). G. Don fil. Growing in Turkey. J. Ess. Oil Res. 3:191-2.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Dictamnus albus</i>	Shoot		8.0	-0.2775891119286786	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2
<i>Dictamnus albus</i>	Shoot		8.0	-0.2775891119286786	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2
<i>Salvia gilliesii</i>	Shoot		7.5	-0.2781046490379942	Velasco-Negueruela, A. et al. 1993. The Essential Oil of <i>Salvia gilliesii</i> Benth. <i>J. Ess. Oil Res.</i> 5: 319-320.
<i>Micromeria fruticosa</i>	Shoot		7.0	-0.2786201861473098	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. <i>J. Ess. Oil Res</i> 3: 477-479.
<i>Micromeria fruticosa</i>	Shoot		7.0	-0.2786201861473098	Fleisher, Z. and Fleisher, A. 1991. The Essential Oil of <i>Micromeria fruticosa</i> (L.) Druce subsp. <i>barbata</i> (Boiss et. Ky.), P.H. Davis. Aromatic Plants of the Holy Land and the Sinai. Part VII. <i>J. Ess. Oil Res</i> 3: 477-479.
<i>Origanum sipyleum</i>	Shoot	6.0	7.0	-0.2786201861473098	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum sipyleum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
<i>Origanum sipyleum</i>	Shoot	6.0	7.0	-0.2786201861473098	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Tumen, G. 1992. Composition of the Essential Oil of <i>Origanum sipyleum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
<i>Melaleuca alternifolia</i>	Leaf Essent. Oil		29000.0	-0.278711890942207	--
<i>Teucrium gnaphalodes</i>	Shoot		5.0	-0.2806823345845723	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Teucrium polium</i>	Shoot		4.0	-0.28171340880320356	Perez-Alonso, M.J. Velasco-Negueruela, A. and Lopez-Saez, J.A. 1993. The Essential Oils of Two Iberian <i>Teucrium</i> Species. <i>J. Ess. Oil Res.</i> 5: 397-402.
<i>Brassica oleracea</i> var. <i>capitata</i> L.	Shoot		3.6	-0.28212583849065603	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Teucrium asiaticum</i>	Shoot		3.21	-0.2825279574359222	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Pelargonium citrosum</i>	Shoot		3.0	-0.2827444830218348	Matsuda, B. M., et al. 1996. Essential Oil Analysis and Field Evaluation of the Citrosa Plant ' <i>Pelargonium citrosum</i> ' as a Repellent Against Populations of <i>Aedes</i> Mosquitoes. <i>J. Am. Mosq. Contr. Assoc.</i> 12(1):69-74.
<i>Chrysanthemum parthenium</i>	Shoot		2.5	-0.2832600201311504	Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of <i>Tanacetum parthenium</i> (L.) Schultz-Bip. <i>Flavor and Fragrance Journal</i> 11(6): 367-71.
<i>Tanacetum parthenium</i>	Shoot		2.5	-0.2832600201311504	Hendriks, H., Bos, R., and Woerdenbag, H. J. 1996. The Essential Oil of <i>Tanacetum parthenium</i> (L.) Schultz-Bip. <i>Flavor and Fragrance Journal</i> 11(6): 367-71.
<i>Dictamnus albus</i>	Shoot		2.0	-0.28377555724046605	Baser, K.H.C., Kosar, M.Malyer, H. & Ozek, T. 1994. The Essential Oil Composition of <i>Dictamnus albus</i> from Turkey. <i>Planta Med.</i> 60:481-2
<i>Teucrium oxylepis</i>	Shoot		1.88	-0.2838992861467018	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Teucrium oxylepis</i>	Shoot		1.45	-0.2843426480607132	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.
<i>Origanum sipyleum</i>	Shoot		1.0	-0.2848066314590973	Baser, K.H.C., Ozek, T., Kurkcuoglu, M. and Turnen, G. 1992. Composition of the Essential Oil of <i>Origanum sipyleum</i> of Turkish Origin. <i>J. Ess. Oil Res.</i> 4: 139-142.
<i>Teucrium scorodonia</i>	Shoot		0.53	-0.285291236341854	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. <i>Phytochemistry</i> 29(4): 1165-9.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Acinos alpinus	Shoot		0.5	-0.2853221685684129	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of <i>Acinus alpinus</i> (L.) Moench ssp. <i>meridionalis</i> (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Acinos alpinus	Shoot		0.5	-0.2853221685684129	Velasco-Negueruela,A., Perez-Alonso,M.J., Jiminez,S.M. and Garcia,F.M. 1993. The Volatile Constituents of <i>Acinus alpinus</i> (L.) Moench ssp. <i>meridionalis</i> (Nyman). P.W. Ball Growing in Spain. Flav. & Frag. J. 8:127-130.)
Teucrium salviastrum	Shoot		0.21	-0.2856211800918159	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Teucrium pseudoscorodonia	Shoot		0.15	-0.2856830445449339	Velasco-Negueruela, A. and Perez-Alonso, M.J. 1990. The Volatiles of Six <i>Teucrium</i> Species from the Iberian Peninsula and the Balearic Islands. Phytochemistry 29(4): 1165-9.
Micromeria myrtifolia	Shoot		0.1	-0.2857345982558654	Ozek, T., Kirimer, N., and Baser, K.H.C. 1992. Composition of the Essential Oil of <i>Micromeria myrtifolia</i> Boiss. et Hohen. J. Ess. Oil Res., 4: 79-80.
Satureja thymbra	Shoot		0.1	-0.2857345982558654	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
Eucalyptus occidentalis	Shoot		0.1	-0.2857345982558654	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
Eucalyptus globulus	Shoot		0.1	-0.2857345982558654	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven <i>Eucalyptus</i> Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Eucalyptus blakelyi</i>	Shoot		0.1	-0.2857345982558654	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus oviformis</i>	Shoot		0.1	-0.2857345982558654	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus bosistoana</i>	Shoot		0.1	-0.2857345982558654	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Eucalyptus diversicolor</i>	Shoot		0.1	-0.2857345982558654	Zrira, S. S., Benjilali, B. B., Fechtal, M. M., & Richard, H. H. 1991. Essential Oils of Twenty-seven Eucalyptus Species Grown in Morocco. Journal of Essential Oil Res. 4: 259-264.
<i>Satureja odora</i>	Shoot		0.0	-0.28583770567772854	Zygaldo, J.A., Merino, E.F., Maestri, D.M., Guzman, C.A. and Espinar, L.A. 1993. The Essential Oils of <i>Satureja odora</i> and <i>Satureja parvifolia</i> from Argentina. J. Ess. Oil Res. 5: 549-51.
<i>Origanum vulgare</i>	Shoot		0.0	-0.28583770567772854	Lagouri, V., Blekas, G., Tsimidou, M., Kokkini, S., and Boskou, D. 1993. Composition and Antioxidant Activity of Essential Oils from Oregano Plants Grown Wild in Greece. Z. Lebensm Unters Forsch 197: 20-23.
<i>Micromeria teneriffae</i>	Leaf		170.0	-0.2918317712346822	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . J. Ess. Oil Res., 3: 387-393.
<i>Ocimum basilicum</i>	Plant	36.0	239.0	-0.2954805858988341	Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Apium graveolens</i>	Fruit Essent. Oil	3000.0	14000.0	-0.30405553353793474	--
<i>Thymus x citriodorus</i>	Plant		220.0	-0.310185321153713	Stahl-Biskup, E. and Holthuijen, J. 1995. Essential oil and glycosidally bound volatiles of lemon-scented thyme, <i>Thymus x citriodorus</i> (Pers.) Schreb. Flav. & Fragr. J. 10: 225-229.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Micromeria juliana</i>	Leaf		155.0	-0.31816269027504307	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Lavandula latifolia</i>	Plant	35.0	209.0	-0.3186985889328534	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda media</i>	Plant	35.0	196.0	-0.3287597235809285	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Eucalyptus tetraptera</i>	Leaf		145.0	-0.33571663630195037	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section <i>Dumaria</i> ,Series <i>Incrassatae</i> .Flavour and Fragrance J.9(3):113-7
<i>Teucrium cyprium</i>	Leaf		145.0	-0.33571663630195037	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Eucalyptus fasciculosa</i>	Leaf		135.0	-0.3532705823288576	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
<i>Salvia sclarea</i>	Plant	1.0	155.0	-0.36049099439408827	Flavour and Fragrance Journal, 6: 154.
<i>Ocimum gratissimum</i>	Plant	15.0	145.0	-0.36823032873876144	--
<i>Mentha pulegium</i>	Plant	70.0	140.0	-0.372099995911098	--
<i>Coriandrum sativum</i>	Fruit	36.0	44.0	-0.3723049247176171	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Eucalyptus globulus</i>	Essential Oil		9000.0	-0.3744746961998452	--
<i>Apium graveolens</i>	Seed	1.0	420.0	-0.37493466702522626	--
<i>Juniperus communis</i>	Fruit	3.0	40.0	-0.37559632876532734	--
<i>Rosmarinus officinalis</i>	Leaf Essent. Oil		24000.0	-0.3797351297049885	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Ocimum kilimandscharicum	Leaf	50.0	115.0	-0.38837847438267215	Charles, D.J., and Simon, J.E. 1992. Essential Oil Constituents of <i>Ocimum kilimandscharicum</i> Guerke. <i>J. Ess. Oil Res.</i> , 4: 125-128.
Hyptis suaveolens	Plant		110.0	-0.3953179989451173	Recently became <i>Internat. J. Crude Drug Res.</i> 28(1,2,3,4):1990, page 74.
Vetiveria zizanioides	Root		165.0	-0.3971485960130928	--
Lavandula x intermedia	Plant	0.0	100.0	-0.40305733328979043	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Foeniculum vulgare	Fruit	1.0	6.0	-0.4035732631708641	--
Pycnanthemum pilosum	Leaf	28.0	105.0	-0.4059324204095794	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Citrus sinensis	Fruit	2.0	3.0	-0.40604181620664676	--
Citrus reticulata	Fruit	1.0	2.0	-0.40686466721857434	--
Pimpinella anisum	Fruit		1.0	-0.40768751823050187	--
Vaccinium corymbosum	Fruit	0.01	0.03	-0.4084856837120716	--
Myrtus communis	Plant	58.0	88.0	-0.4123445345033982	--
Cuminum cyminum	Seed	30.0	275.0	-0.4192681580586145	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Lepechinia calycina	Plant		75.0	-0.42240566915147326	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus forrestiana	Leaf		95.0	-0.4234863664364866	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section <i>Dumaria</i> ,Series <i>Incrassatae</i> .Flavour and Fragrance J.9(3):113-7
Cymbopogon parkeri	Plant		70.0	-0.4262753363238098	Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Origanum vulgare</i>	Plant		65.0	-0.43014500349614637	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. <i>J. Ess. Oil Res.</i> , 5: 425-431.
<i>Hypericum perforatum</i>	Plant	3.0	54.0	-0.43865827127528684	--
<i>Teucrium micropodioides</i>	Leaf		85.0	-0.4410403124633939	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Dracocephalum thymiflora</i>	Plant		48.0	-0.4433018718820907	--
<i>Moldavica thymiflora</i>	Plant		48.0	-0.4433018718820907	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Teucrium kotschyanum</i>	Leaf		80.0	-0.4498172854768475	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some <i>Teucrium</i> Species from Cyprus. <i>J. Ethnopharm.</i> 35: 105-113.
<i>Eucalyptus erythrandra</i>	Leaf		80.0	-0.4498172854768475	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> .Part I.Subgenus <i>Sympyomyrtus</i> ,Section <i>Dumaria</i> ,Series <i>Incrassatae</i> .Flavour and Fragrance J.9(3):113-7
<i>Achillea millefolium</i>	Leaf	1.0	80.0	-0.4498172854768475	--
<i>Satureja douglasii</i>	Plant	1.0	39.0	-0.4502672727922965	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Scutellaria parvula</i>	Plant		36.0	-0.45258907309569846	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Monarda lindheimeri</i>	Plant		31.0	-0.456458740268035	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Calamintha nepeta</i>	Plant		30.0	-0.4572326737025023	J. Ethnopharmacology, 39: 167.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus leucoxylon	Leaf		75.0	-0.45859425849030117	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . Flavour and Fragrance J. 10(6):359-364
Satureja subspicata	Plant		25.0	-0.46110234087483887	Stanic, G., Petricic, J., and Blazevic, N. 1991. Gas Chromatographic Investigations of Essential Oils of <i>Satureja montana</i> and <i>Satureja subspicata</i> from Yugoslavia. J. Ess. Oil Res., 3: 153-158.
Origanum majorana	Essential Oil		7000.0	-0.4630448703246903	--
Thymus capitatus	Plant	10.0	20.0	-0.4649720080471754	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum vulgare	Plant		18.0	-0.4665198749161101	Sezik, E., Turnen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Origanum vulgare	Plant		18.0	-0.4665198749161101	Sezik, E., Turnen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four <i>Origanum vulgare</i> Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Lycopus uniflorus	Plant		18.0	-0.4665198749161101	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Monarda citriodora	Flower		55.0	-0.46686205335078707	Collins, J.E., Bishop, C.D., Deans, S.G. and Svoboda, K.P. 1994. Composition of the Essential Oil from the Leaves and Flowers of <i>Monarda citriodora</i> var. <i>citriodora</i> grown in the United Kingdom. J. Ess. Oil Res. 6: 27-9.
Rosmarinus officinalis	Leaf		70.0	-0.4673712315037548	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of <i>Rosmarinus officinalis</i> L. from Egypt. Flavour and Fragrance J. 9: 29-33.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Rosmarinus officinalis	Leaf		70.0	-0.4673712315037548	Soliman, F.M., El-Kashoury, M.M., Fathy, M.M. and Gonaid, M.H. 1994. Analysis and Biological Activity of the Essential Oil of Rosmarinus officinalis L. from Egypt. Flavour and Fragrance J. 9: 29-33.
Eucalyptus ceratocorys	Leaf		70.0	-0.4673712315037548	Bignell,C.M.,Dunlop,P.J.,Brophy,J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria,Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Sideritis germanicolpitana	Plant	6.0	14.0	-0.4696156086539793	J. Essential Oil, 4: 533.
Stevia rebaudiana	Flower		54.0	-0.47137834352252067	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
Monarda citriodora	Plant		11.0	-0.47193740895738123	--
Glechoma hederacea	Plant	1.0	7.0	-0.4750331426952505	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Stachys germanica	Plant		6.0	-0.4758070761297178	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Origanum vulgare	Plant		4.0	-0.47735494299865244	Sezik, E., Tumen, G., Kirimer, N., Ozek, T., and Baser, K.H.C. 1993. Essential Oil Composition of Four Origanum vulgare Subspecies of Anatolian Origin. J. Ess. Oil Res., 5: 425-431.
Isanthus brachiatus	Plant		2.0	-0.47890280986758704	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Levisticum officinale	Root	8.0	80.0	-0.48963525535860764	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus angulosa	Leaf		55.0	-0.4937021505441157	Bignell,C.M.,Dunlop,P.J.,Brophy,J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria,Series Incrassatae.Flavour and Fragrance J.9(3):113-7

Plant	Part	Low PPM	High PPM	StdDev	Reference
Petroselinum crispum	Seed		22.0	-0.4966224562065264	--
Foeniculum vulgare	Seed	1.0	6.0	-0.5015144276309003	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Eucalyptus intertexta	Leaf		50.0	-0.5024791235575693	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Pimpinella anisum	Seed		1.0	-0.5030431687010171	--
Rosmarinus officinalis	Essential Oil		6000.0	-0.507329957387113	--
Cinnamomum verum	Leaf		47.0	-0.5077453073656415	Mallavarupu, G. R. et al. 1995. Investigation of the essential oil of cinnamon leaf grown at Bangalore and Hyderabad. Flav. & Fragr. J., 10: 239-242.
Myrrhis odorata	Leaf Essent. Oil		17500.0	-0.5110653400966044	--
Eucalyptus porosa	Leaf		42.0	-0.5165222803790951	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Monarda didyma	Leaf	25.0	40.0	-0.5200330695844766	--
Micromeria congesta	Leaf	35.0	40.0	-0.5200330695844766	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of Micromeria congesta. J. Ess. Oil Res., 3: 387-393.
Eucalyptus stoatei	Leaf		39.0	-0.5217884641871673	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrassatae.Flavour and Fragrance J.9(3):113-7
Origanum vulgare	Shoot Essent. Oil	4200.0	8500.0	-0.5248906591678238	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Murraya koenigii</i>	Leaf		37.0	-0.5252992533925488	--
<i>Eucalyptus dolichorhyncha</i>	Leaf		36.0	-0.5270546479952395	Bignell,C.M.,Dunlop,P.J.,Brophy,J.J.,and Jackson, J.F.1994.Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus.Part I.Subgenus Sympyomyrtus,Section Dumaria, Series Incrastatae.Flavour and Fragrance J.9(3):113-7
<i>Stevia rebaudiana</i>	Leaf		34.0	-0.530565437200621	Kinghorn, A. D. (Ed.) 2002. Medicinal and Aromatic Plants - Industrial Profiles. Stevia. The genus Stevia. Taylor & Francis. New York, NY. 211 pp.
<i>Citrus paradisi</i>	Leaf		29.0	-0.5393424102140746	--
<i>Teucrium divaricatum</i>	Leaf		27.0	-0.542853199419456	Arnold, N., Bellomaria, B., Valentini G. and Rafaiani, S.M. 1991. Comparative Study on Essential Oil of Some Teucrium Species from Cyprus. J. Ethnopharm. 35: 105-113.
<i>Daucus carota</i>	Root		28.0	-0.5462153293111578	--
<i>Eucalyptus odorata</i>	Leaf		25.0	-0.5463639886248375	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Eucalyptus sparsa</i>	Leaf		25.0	-0.5463639886248375	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
<i>Anethum graveolens</i>	Leaf	0.1	20.0	-0.5551409616382911	--
<i>Sideritis mugronensis</i>	Leaf	5.0	20.0	-0.5551409616382911	Manez, S., Jimenez, A., and Villar, A. 1991. Volatiles of Sideritis mugronensis Flower and Leaf. J. Ess. Oil Res., 3: 395-397.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Eucalyptus lansdowneana	Leaf		18.0	-0.5586517508436726	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Angelica archangelica	Root	0.0	12.0	-0.5636245828350195	--
Eucalyptus largisparsa	Leaf		13.0	-0.5674287238571262	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Elsholtzia polystachya	Leaf		10.0	-0.5726949076651984	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Elsholtzia polystachya	Leaf		10.0	-0.5726949076651984	Mathela,C.S., Melkani,A.B., Bisht,J.C., Pant,A.K., Bestmann,H.J., Erler,J., Kobold,U., Rauscher,J. and Vostrowsky,O. 1992. Chemical Varieties of Essential Oils from Elsholtzia polystachya from Two Different Locations in India. Planta Medica 58: 376-379.
Eucalyptus viridis	Leaf		6.0	-0.5797164860759613	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus Eucalyptus. Part VI. Subgenus Sympyomyrtus, Section Adnataria. Flavour and Fragrance J. 10(6):359-364
Vitex agnus-castus	Leaf		5.0	-0.581471880678652	Ekundayo, O., Laakso, I., Holopainen, M., Hiltunen, R., Oguntiemein, B., and Kauppinen, V. 1990. The Chemical Composition and Antimicrobial Activity of the Leaf Oil of Vitex agnus-castus L. J. Essential Oil Research, 2: 115-119.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Cleonia lusitanica</i>	Leaf	1.0	5.0	-0.581471880678652	Perez-Alonso, M., Velasco-Negueruela, A., and Lopez-Saez, A. 1991. The Essential Oil of <i>Cleonia lusitanica</i> . <i>J. Ess. Oil Res.</i> , 3: 441-442.
<i>Eucalyptus melanophloia</i>	Leaf		4.0	-0.5832272752813428	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364
<i>Eucalyptus behriana</i>	Leaf		2.7	-0.5855092882648406	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364
<i>Petroselinum crispum</i>	Leaf		2.7	-0.5855092882648406	--
<i>Callicarpa americana</i>	Leaf		2.0	-0.5867380644867242	--
<i>Eucalyptus populnea</i>	Leaf		1.8	-0.5870891434072624	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364
<i>Micromeria fruticosa</i>	Leaf		1.0	-0.5884934590894149	Kirimer, N., Ozek, T., and Baser, K.H.C. 1991. Composition of the Essential Oil of <i>Micromeria congesta</i> . <i>J. Ess. Oil Res.</i> , 3: 387-393.
<i>Eucalyptus ochrophloia</i>	Leaf		0.5	-0.5893711563907602	Bignell, C.M., Dunlop, P.J., Brophy, J.J., and Jackson, J.F. 1995. Volatile Leaf Oils of Some South-western and Southern Australian Species of the Genus <i>Eucalyptus</i> . Part VI. Subgenus <i>Sympyomyrtus</i> , Section <i>Adnataria</i> . <i>Flavour and Fragrance</i> J. 10(6):359-364

Plant	Part	Low PPM	High PPM	StdDev	Reference
Monarda citriodora	Leaf		0.1	-0.5900733142318365	Collins, J.E., Bishop, C.D., Deans, S.G. and Svoboda, K.P. 1994. Composition of the Essential Oil from the Leaves and Flowers of Monarda citriodora var. citriodora grown in the United Kingdom. <i>J. Ess. Oil Res.</i> 6: 27-9.
Salvia canariensis	Leaf		0.1	-0.5900733142318365	Casnigueral,S., Iglesias,J., Vila,R., Virgili,A. and Ibanez,C.1994. The Essential Oil from Leaves of <i>Salvia canariensis</i> L. <i>Flav. & Frag. J.</i> 9:201-204. S. Canigueral, Facultat de Farmacia, Universitat de Barcelona, Ave.Diagonal 643,E-08028, Barcelone Spain
Coriandrum sativum	Seed Essent. Oil		23200.0	-0.591786991122015	--
Salvia officinalis	Essential Oil		3700.0	-0.6091856576306849	--
Monarda didyma	Flower		20.0	-0.624932209361464	Flavour and Fragrance Journal, 6: 80.
Citrus sinensis	Fruit Juice	0.09	1.1	-0.6501250791550391	--
Apium graveolens	Seed Essent. Oil	5000.0	14000.0	-0.651073092591952	--
Juniperus communis	Essential Oil		2000.0	-0.6844703056368032	--
Hyssopus officinalis	Flower	0.3	3.0	-0.7017091422809357	Flavour and Fragrance Journal, 6: 72.
Lonicera japonica	Flower	0.001	0.102	-0.7147973511986198	Schlotzhauer, W.S., S.D. Pair, and R.J. Horvat. 1996. Volatile constituents from the flowers of Japanese Honeysuckle. <i>J. Agric. Food Chem.</i> 44:206-209.
Ocimum basilicum	Leaf Essent. Oil	5650.0	7000.0	-0.7232141414984458	--
Cuminum cyminum	Seed Essent. Oil		500.0	-0.7380690023576203	--
Vaccinium myrtillus	Fruit Juice		0.015	-0.7625968906166204	--
Eucalyptus grandis	Leaf Essent. Oil		5000.0	-0.7636234370035583	--
Citrus limon	Essential Oil	6.0	50.0	-0.7708262254085273	Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
Pelargonium graveolens	Essential Oil	4.0	22.0	-0.7720662078462751	--
Aspalathus linearis	Leaf Essent. Oil		4200.0	-0.7797871552056034	--
Eucalyptus citriodora	Leaf Essent. Oil	3000.0	4000.0	-0.7838280847561147	--
Cinnamomum verum	Leaf Essent. Oil		1500.0	-0.8343397041375054	--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Coleus barbatus</i>	Leaf Essent. Oil		1000.0	-0.8444420280137835	Jim Duke's personal files.
<i>Salvia officinalis</i>	Leaf Essent. Oil		1000.0	-0.8444420280137835	--
<i>Apium graveolens</i>	Leaf Essent. Oil		1000.0	-0.8444420280137835	--
<i>Rosmarinus officinalis</i>	Shoot Essent. Oil		8300.0	-0.8748177652797063	--
<i>Tamarindus indica</i>	Fruit Essent. Oil		1100.0	-0.9056378008139101	--
<i>Piper nigrum</i>	Fruit Essent. Oil		1000.0	-0.910301229242406	--
<i>Melaleuca alternifolia</i>	Root Essent. Oil		2600.0	-1.0	--
<i>Rheum palmatum</i>	Rhizome		2.0	-1.0681270706037798	--
<i>Humulus lupulus</i>	Essential Oil				--
<i>Piper cubeba</i>	Fruit				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Cinnamomum verum</i>	Bark	40.0	264.0		Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Satureja montana</i>	Essential Oil				--
<i>Valeriana officinalis</i>	Root Essent. Oil				--
<i>Cinnamomum verum</i>	Root Bark				--
<i>Cinnamomum verum</i>	Bark Essent. Oil		0.0		--
<i>Coleus barbatus</i>	Stem Essent. Oil		1000.0		Jim Duke's personal files.
<i>Cinnamomum verum</i>	Stem Bark				--
<i>Tanacetum parthenium</i>	Plant				--
<i>Santolina chamaecyparissus</i>	Plant				--
<i>Robinia pseudoacacia</i>	Flower				--
<i>Apium graveolens</i>	Essential Oil				--
<i>Alpinia galanga</i>	Rhizome				--
<i>Syzygium aromaticum</i>	Essential Oil				--
<i>Pycnanthemum incanum</i>	Shoot				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Sambucus nigra</i>	Flower Essent. Oil				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Camellia sinensis</i>	Leaf				--
<i>Fragaria spp</i>	Leaf				--
<i>Centella asiatica</i>	Shoot				Jim Duke's personal files.
<i>Citrus limon</i>	Pericarp Essent. Oil	4000.0	73000.0		Jim Duke's personal files.
<i>Eucalyptus globulus</i>	Fruit Essent. Oil				--
<i>Tamarindus indica</i>	Fruit				Williamson, E. M. and Evans, F. J., Potter's New Cyclopaedia of Botanical Drugs and Preparations, Revised Ed., Saffron Walden, the C. W. Daniel Co., Ltd., Essex UK, 362 pp, 1988, reprint 1989.
<i>Gentiana lutea</i>	Essential Oil				Abstract (See species file)
<i>Tagetes minuta</i>	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Melaleuca linariifolia</i>	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Acacia farnesiana</i>	Flower				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Agathosma betulina</i>	Leaf Essent. Oil				--
<i>Vitex agnus-castus</i>	Flower				Jim Duke's personal files.
<i>Vitex agnus-castus</i>	Fruit				Jim Duke's personal files.
<i>Lindera benzoin</i>	Twig	46.0	49.0		--
<i>Pimenta dioica</i>	Plant				--
<i>Piper nigrum</i>	Fruit				--
<i>Vaccinium macrocarpon</i>	Fruit				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Thymus vulgaris</i>	Essential Oil				--
<i>Ananas comosus</i>	Fruit				Wealth of India.
<i>Cymbopogon citratus</i>	Plant				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Melaleuca viridiflora</i>	Leaf				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Angelica archangelica</i>	Plant				--
<i>Melaleuca alternifolia</i>	Resin, Exudate, Sap				--
<i>Mentha spicata</i>	Essential Oil				--
<i>Psidium guajava</i>	Pericarp Essent. Oil				--
<i>Glycyrrhiza glabra</i>	Root				--
<i>Mentha spicata</i>	Leaf				Duke, J. A. Writeups or information summaries on approximately 2,000 economic plants, USDA, ARS, Beltsville, MD 20705.
<i>Ribes nigrum</i>	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Curcuma longa</i>	Rhizome				--
<i>Cocos nucifera</i>	Fruit				Jim Duke's personal files.
<i>Mentha x piperita</i>	Essential Oil				--
<i>Asarum canadense</i>	Rhizome				--
<i>Melissa officinalis</i>	Shoot				--
<i>Citrus limon</i>	Petiole		32.0		--
<i>Helianthus annuus</i>	Flower				--
<i>Citrus limon</i>	Pericarp				Jim Duke's personal files.
<i>Prunus armeniaca</i>	Essential Oil				--
<i>Aniba rosaeodora</i>	Essential Oil				--
<i>Hesperis matronalis</i>	Flower				Nielsen, J. K., Jakobsen, H. B., Friis, P., Hansen, K., Moller, J., Olsen, C. E. 1995. Asynchronous Rhythmus in the Emission of Volatiles from <i>Hesperis matronalis</i> Flowers. <i>Phytochemistry</i> , 38(4): 847-851.
<i>Citrus paradisi</i>	Pericarp		7.0		--
<i>Aframomum melegueta</i>	Seed				Wealth of India.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Ficus carica</i>	Leaf				Blaschek, W., Hansel, R., Keller, K., Reichling, J., Rimpler, H., and Schneider, G. eds. 1998. Hager's Handbuch der Pharmazeutischen Praxis, Auflage Band 2 (A-K), 909 pp., (L-Z), 858 pp. Springer-Verlag, Berlin.
<i>Anethum graveolens</i>	Plant				--
<i>Zea mays</i>	Silk Stigma Style				--
<i>Satureja hortensis</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Melaleuca leucadendra</i>	Essential Oil				Guenther, E., The Essential Oils, 6 volumes, D. van Nostrand, New York, 1948-1952.
<i>Hibiscus sabdariffa</i>	Calyx				--
<i>Glycyrrhiza glabra</i>	Rhizome Essent. Oil				--
<i>Carum carvi</i>	Seed				--
<i>Cymbopogon nardus</i>	Plant				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.
<i>Bursera delpechiana</i>	Wood	2125.0	10200.0		--
<i>Boswellia sacra</i>	Resin Essent. Oil		1000.0		Abdel Wahab, S. M., Aboutabl, E. A., El-Zalabani, S. M., Fouad, H. A., De Pooter, H. L., El-Fallaha, B. 1987. The Essential Oil of Olibanum. Plant Med. 53 (4): 382-384.
<i>Ephedra sinica</i>	Stem				Jim Duke's personal files.
<i>Santalum album</i>	Wood				--
<i>Magnolia denudata</i>	Bark				--
<i>Magnolia denudata</i>	Bulb				--
<i>Magnolia denudata</i>	Flower				--
<i>Capsicum annuum</i>	Fruit				--
<i>Magnolia denudata</i>	Leaf				--
<i>Magnolia denudata</i>	Twig				--
<i>Citrus aurantium</i>	Plant				--
<i>Cinnamomum aromaticum</i>	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Artemisia capillaris</i>	Essential Oil				--
<i>Coriandrum sativum</i>	Essential Oil				--
<i>Melia azedarach</i>	Wood				--
<i>Ammi visnaga</i>	Essential Oil				--
<i>Cinnamomum aromaticum</i>	Bark				--
<i>Glycyrrhiza glabra</i>	Root Essent. Oil				--
<i>Zingiber officinale</i>	Rhizome Essent. Oil		10000.0		--
<i>Capsicum frutescens</i>	Fruit				--
<i>Pycnanthemum californicum</i>	Shoot				Lawrence, B.M., Essential Oils 1976-1977, Essential Oils 1978, Essential Oils 1979-1980.